

Title (en)

DEDICATED VIRTUAL LOCAL AREA NETWORK FOR PEER-TO-PEER TRAFFIC TRANSMITTED BETWEEN SWITCHES

Title (de)

DEDIZIERTES VIRTUELLES LOKALES NETZWERK FÜR ZWISCHEN SCHALTVORRICHTUNGEN ÜBERTRAGENEN PEER-TO-PEER-VERKEHR

Title (fr)

RÉSEAU LOCAL VIRTUEL DÉDIÉ POUR TRAFIC DE POSTE TRANSMIS ENTRE DES COMMUTATEURS

Publication

**EP 3522457 B1 20200624 (EN)**

Application

**EP 19152849 A 20190121**

Priority

US 201815884585 A 20180131

Abstract (en)

[origin: EP3522457A1] Example method includes: defining, by a network device, a source virtual local area network (VLAN), wherein the source VLAN is common for at least a first switch and a second switch, and wherein the source VLAN is dedicated to a particular link between the first switch and the second switch; and using an Internet Protocol (IP) address corresponding to the defined source VLAN as a source address for peer-to-peer traffic transmitted between the first switch and the second switch, wherein no peer-to-peer traffic between the first switch and the second switch is transmitted over a link other than the particular link.

IPC 8 full level

**H04L 12/46** (2006.01); **H04L 45/74** (2022.01); **H04L 47/20** (2022.01)

CPC (source: CN EP US)

**H04L 12/4641** (2013.01 - CN EP US); **H04L 45/74** (2013.01 - CN); **H04L 45/745** (2013.01 - CN EP US); **H04L 47/20** (2013.01 - CN); **H04L 47/245** (2013.01 - CN); **H04L 49/25** (2013.01 - US); **H04L 61/4552** (2022.05 - US); **H04L 61/5014** (2022.05 - CN US); **H04L 67/104** (2013.01 - US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 3522457 A1 20190807**; **EP 3522457 B1 20200624**; CN 110098992 A 20190806; CN 110098992 B 20220107; US 10673781 B2 20200602; US 2019238483 A1 20190801

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